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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/661,709
Filing Date	09/12/2003
First Named Inventor	Blauvelt
Title	SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR
Group Art Unit	
Examiner Name	
Attorney Docket Number	XPNT22NP

I hereby appoint:

☒ Practitioners at Customer Number

36394 →

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer NumberPlace Customer  
Number Bar Code  
Label here☐ Firm or  
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.
☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name

Jeffrey S. Rittichier, President and CEO, Xponent Photonics Inc

Signature

Date

October 6, 2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PTO/SB/96 (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Henry A. Blauvelt, David W. Vernooy, and Hao Lee

Application No./Patent No.: 10/661,709 Filed/Issue Date: 09/12/2003

Entitled: SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR

Xponent Photonics Inc, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

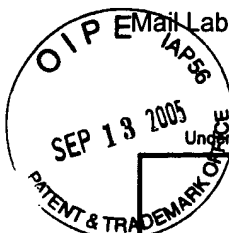
10/6/03  
Date  
626-599-8660  
Telephone number

Jeffrey S. Rittichler  
Typed or printed name  
[Signature]  
Signature  
President and CEO  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**\*COPY\***



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PTO/SB/15 (02-01)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
XPNT22NP

Whereas, I/We, Henry A. Blauvelt of San Marino, CA, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR

☒ for which an application for a United States Patent was filed on 09/12/2003  
Application Number 10 / 661,709

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Xponent Photonics Inc of Monrovia, CA herein referred to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10 ), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 6<sup>TH</sup> day of October, 2003  
at Monrovia, California

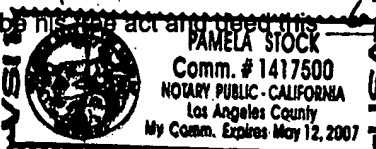
State of California,  
County of Los Angeles

SS:

Before me personally appeared said Henry A. Blauvelt  
and acknowledged the foregoing instrument to be his act and deed this 6<sup>TH</sup>  
day of October, 2003.

[Signature]  
(Signature)

Seal



[Signature]  
(Notary Public)

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

\* ☒ Total of 3 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

\*COPY\*

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**ASSIGNMENT OF APPLICATION**Docket Number (Optional)  
XPNT22NP

Whereas, I/We, David W. Vernooy of Sierra Madre, CA, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR

☒ for which an application for a United States Patent was filed on 09/12/2003  
Application Number 10 / 661,709

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Xponent Photonics Inc of Monrovia, CA herein referred to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 6<sup>TH</sup> day of October, 2003  
at Monrovia, California

State of CALIFORNIA  
County of Los Angeles SS:

[Signature]  
(Signature)

Before me personally appeared said DAVID W. VERNOOY  
and acknowledged the foregoing instrument to be his free act and deed this 6<sup>TH</sup>  
day of October, 2003.

Seal



PAMELA STOCK  
Comm. # 1417500  
NOTARY PUBLIC - CALIFORNIA  
Los Angeles County  
My Comm. Expires May 12, 2007

[Signature]  
(Notary Public)

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

\* ☒ Total of 3 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

\*COPY\*

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<b>ASSIGNMENT OF APPLICATION</b>	Docket Number (Optional) <b>XPNT22NP</b>
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Whereas, I/We, Hao Lee of Arcadia, CA, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR

☒ for which an application for a United States Patent was filed on 09/12/2003  
Application Number 10 / 661,709.


☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Xponent Photonics Inc of Monrovia, CA herein referred to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10 ), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 6<sup>TH</sup> day of October, 2003  
at Monrovia, California

State of California,  
County of Los Angeles, SS: \_\_\_\_\_  
Before me personally appeared said HAO LEE  
and acknowledged the foregoing instrument to be his free act and deed this 6<sup>TH</sup>  
day of October, 2003.



Seal

Pamela Stock  
(Signature)

Pamela Stock  
(Notary Public)

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below\*.

\* ☒ Total of 3 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

**\*COPY\***